



Bicolour level gauge

Type BU green-red

Application and function

The bicolour level gauge is a direct water level gauge which can be used for steam generators. In the sight opening, the water space is indicated in green and the steam space in red.

This product is in accordance with EU-directive 2014/68/EU. Applied policy acc. to DIN EN 13445 and ASME Boiler and Pressure Vessel Code. Considered regulations AD2000. Furthermore, as a plant component for large water room boilers and water tube boilers, this product meets the requirements of the standards DIN EN 12952-7 and DIN EN 12953-6.

Technical basic equipment

- Display body material in carbon steel.
- As left sided (mapped) or right sided model.
- Sight lengths see table.
- With drain valve and ventilation plug.
- Illumination device LED Secure SOL6/8, IP67.
- Shutoff valves type A240.
- Drain valve type AV320.

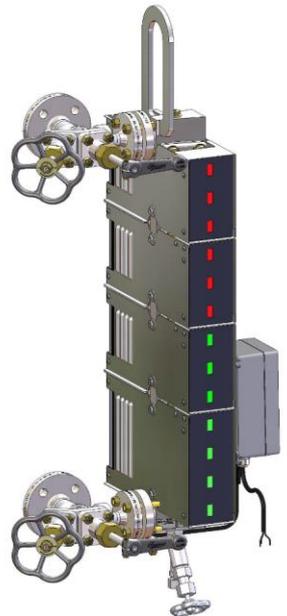
Available (optional) versions

- Display bodies in ASTM materials
- Other shutoff valves
- Other drain valves

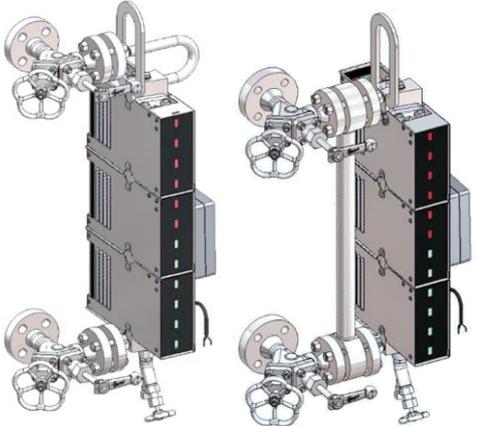
Technical data

Allowable pressure	PS [bar]	200
Allowable temperature	TS [°C]	367
Shutoff valve	Type	A240
Drain valve	Type	AV320
Illumination	Protection	IP67

BU green-red



Optional versions

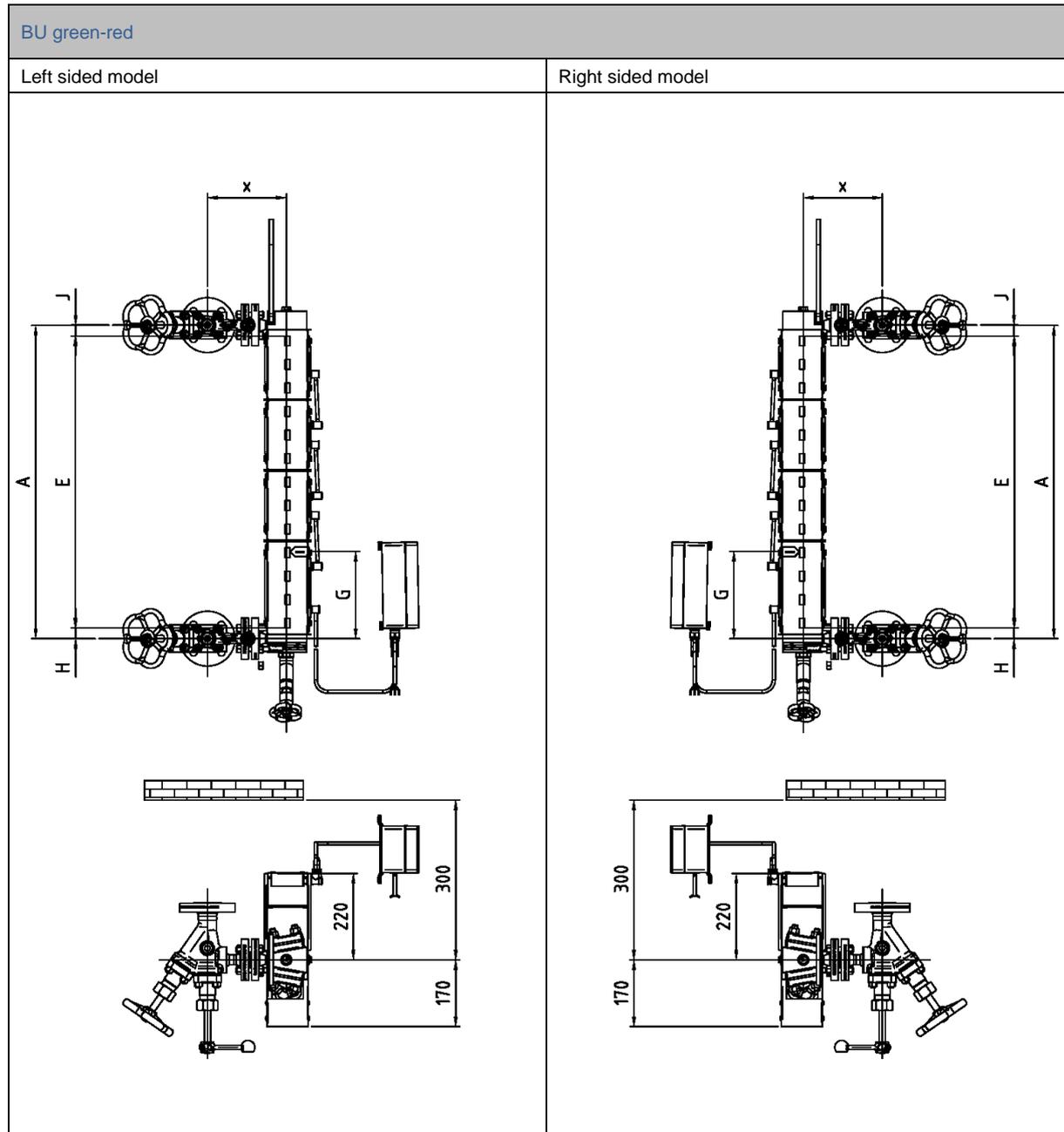


Version with expansion loop

Version with tie bar

Edition 11/2020
Subject to change without a note!

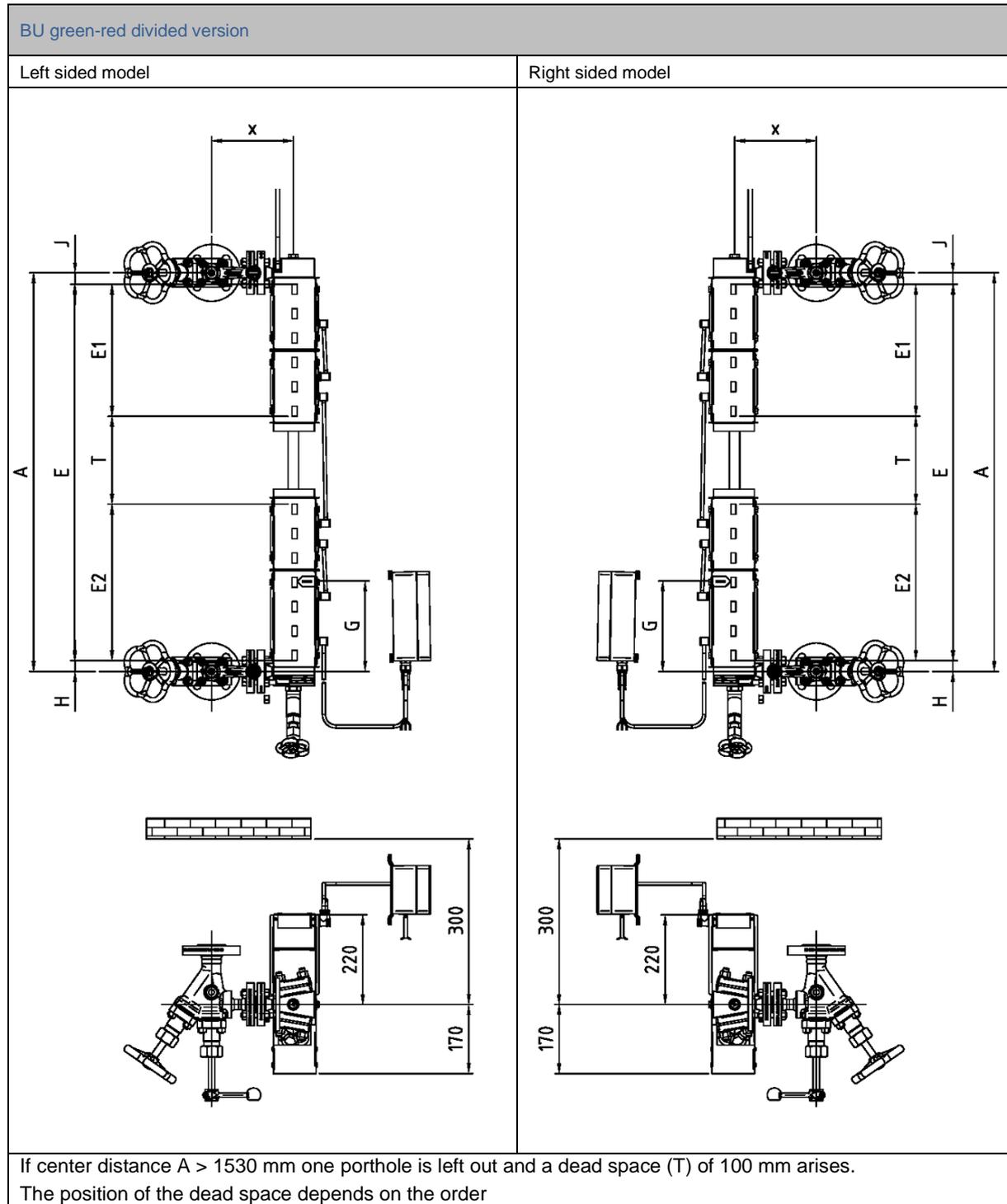
Dimensions and tables



Size			6	7	8	9	10	11	12	13	14
Sight length	E		320	380	440	500	560	620	680	740	800
Dimension	Size H/J min.	[mm]	25 (J=135 ^{*1})								
	Size H/J max.	[mm]	On request								

*1 Dimension J is different for versions with expansion loop.

Calculation of sight length: $E = (n-1) \times 60 + 20$



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Dimensions and tables

BU green-red with tie bar	
	Divided version
Left model drawn right model mirror image	Left model drawn right model mirror image
<p>If center distance A > 1530 mm one porthole is left out and a dead space (T) of 100 mm arises. The position of the dead space depends on the order</p>	

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Calculation of sight length: $E = (n-1) \times 60 + 20$

Dimensions and tables

BU green-red with expansion loop	
Left model drawn right model mirror image	Left model drawn right model mirror image (Divided version)
<p>If sight length E > 1460mm (BU-25) or center distance A > 1640mm (A max. 1530mm without expansion loop) one porthole is left out and a dead space (T) of 100 mm arises. The position of the dead space depends on the order</p>	

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Sight length	E		320	380	440	500	560	620	680	740	800
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Calculation of sight length: $E = (n-1) \times 60 + 20$

Allowable pressure PS [bar]	Valve	Flange		Welding end		X [mm] ²
		DN	L [mm]	DN	L [mm]	
32	A220	20	170	20		240
50	A150	25	129	25		240
80	A150	25	129	25		260
80	A220	25	160	25	160	260
100	A240	25	145	25	150	270
160	A240	25	155	25	150	330
200	A240	25	170	25	150	330

*2 For versions with lateral connection with tie bar, dimension X is extended.

	<p>Note! For level indicators weighing 30 kilograms or more, the customer must provide for a sufficient support (e.g. by means of spring hangers or similar).</p>
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Digital Documentation

